#12

1600

ENTERED

RAW SEQUENCE LISTING

DATE: 10/20/2003

PATENT APPLICATION: **US/09/852,238A**

TIME: 17:31:58

Input Set : **N:\Crf3\RULE60\US09852238A.raw.txt**
Output Set: **N:\CRF4\10202003\I852238A.raw**

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 1 <110> APPLICANT: Allaway, Graham P.
 2 <120> TITLE OF INVENTION: USES OF A CHEMOKINE RECEPTOR FOR INHIBITNIG HIV-1
 3       INFECTION
 4 <130> FILE REFERENCE: 2048/51320-AA/JPW/MAF
 5 <140> CURRENT APPLICATION NUMBER: 09/852,238A
 6 <141> CURRENT FILING DATE: 2001-05-09
 7 <150> PRIOR APPLICATION NUMBER: US/09/724,105
 8 <151> PRIOR FILING DATE: 2000-11-28
 9 <160> NUMBER OF SEQ ID NOS: 30
10 <170> SOFTWARE: PatentIn version 3.1
12 <210> SEQ ID NO: 1
13 <211> LENGTH: 38
14 <212> TYPE: DNA
15 <213> ORGANISM: artificial sequence
16 <220> FEATURE:
17 <223> OTHER INFORMATION: primer
18 <400> SEQUENCE: 1
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21 <210> SEQ ID NO: 2
22 <211> LENGTH: 25
23 <212> TYPE: DNA
24 <213> ORGANISM: artificial sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: primer
27 <400> SEQUENCE: 2
28       agcaagccga gtcctgcgtc gagag                                       25
30 <210> SEQ ID NO: 3
31 <211> LENGTH: 23
32 <212> TYPE: DNA
33 <213> ORGANISM: artificial sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: primer
36 <400> SEQUENCE: 3
37       gggactttcc gctggggact ttc                                         23
39 <210> SEQ ID NO: 4
40 <211> LENGTH: 33
41 <212> TYPE: DNA
42 <213> ORGANISM: artificial sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: primer
45 <400> SEQUENCE: 4
46       cctgttcggg cgccactgct agagattttc cac                              33
48 <210> SEQ ID NO: 5
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PATENT APPLICATION: **US/09/852,238A**   TIME: 17:31:58

Input Set : **N:\Crf3\RULE60\US09852238A.raw.txt**
Output Set: **N:\CRF4\10202003\I852238A.raw**

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49 <211> LENGTH: 31
50 <212> TYPE: PRT
51 <213> ORGANISM: human
52 <400> SEQUENCE: 5
53      Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
54      1               5                   10                  15
55      Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala Arg
56                  20                  25                  30
58 <210> SEQ ID NO: 6
59 <211> LENGTH: 15
60 <212> TYPE: PRT
61 <213> ORGANISM: human
62 <400> SEQUENCE: 6
63      His Tyr Ala Ala Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Gln
64      1               5                   10                  15
66 <210> SEQ ID NO: 7
67 <211> LENGTH: 32
68 <212> TYPE: PRT
69 <213> ORGANISM: human
70 <400> SEQUENCE: 7
71      Arg Ser Gln Lys Glu Gly Leu His Tyr Thr Cys Ser Ser His Phe Pro
72      1               5                   10                  15
73      Tyr Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr Leu Lys Ile Val
74                  20                  25                  30
76 <210> SEQ ID NO: 8
77 <211> LENGTH: 17
78 <212> TYPE: PRT
79 <213> ORGANISM: human
80 <400> SEQUENCE: 8
81      Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser Asn Arg Leu Asp
82      1               5                   10                  15
83      Gln
85 <210> SEQ ID NO: 9
86 <211> LENGTH: 36
87 <212> TYPE: DNA
88 <213> ORGANISM: artificial sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: primer
91 <400> SEQUENCE: 9
92      aagcttggag aaccagcggt taccatggag gggatc                       36
94 <210> SEQ ID NO: 10
95 <211> LENGTH: 30
96 <212> TYPE: DNA
97 <213> ORGANISM: artificial sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: primer
100 <400> SEQUENCE: 10
101      gtctgagtct gagtcaagct tggagaacca                             30
103 <210> SEQ ID NO: 11
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PATENT APPLICATION: **US/09/852,238A**   TIME: 17:31:58

Input Set : **N:\Crf3\RULE60\US09852238A.raw.txt**
Output Set: **N:\CRF4\10202003\I852238A.raw**

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104 <211> LENGTH: 41
105 <212> TYPE: DNA
106 <213> ORGANISM: artificial sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: primer
109 <400> SEQUENCE: 11
110        ctcgagcatc tgtgttagct ggagtgaaaa cttgaagact c            41
112 <210> SEQ ID NO: 12
113 <211> LENGTH: 30
114 <212> TYPE: DNA
115 <213> ORGANISM: artificial sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: primer
118 <400> SEQUENCE: 12
119        gtctgagtct gagtcctcga gcatctgtgt                         30
121 <210> SEQ ID NO: 13
122 <211> LENGTH: 32
123 <212> TYPE: DNA
124 <213> ORGANISM: artificial sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: primer
127 <400> SEQUENCE: 13
128        aagcttcaga gagaagccgg gatggaaact cc                      32
130 <210> SEQ ID NO: 14
131 <211> LENGTH: 30
132 <212> TYPE: DNA
133 <213> ORGANISM: artificial sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: primer
136 <400> SEQUENCE: 14
137        gtctgagtct gagtcaagct tcagagagaa                        30
139 <210> SEQ ID NO: 15
140 <211> LENGTH: 32
141 <212> TYPE: DNA
142 <213> ORGANISM: artificial sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: primer
145 <400> SEQUENCE: 15
146        ctcgagctga gtcagaaccc agcagagagt tc                     32
148 <210> SEQ ID NO: 16
149 <211> LENGTH: 30
150 <212> TYPE: DNA
151 <213> ORGANISM: artificial sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: primer
154 <400> SEQUENCE: 16
155        gtctgagtct gagtcctcga gctgagtcag                        30
157 <210> SEQ ID NO: 17
158 <211> LENGTH: 32
```

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PATENT APPLICATION: **US/09/852,238A**   TIME: 17:31:58

Input Set : **N:\Crf3\RULE60\US09852238A.raw.txt**
Output Set: **N:\CRF4\10202003\I852238A.raw**

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159 <212> TYPE: DNA
160 <213> ORGANISM: artificial sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: primer
163 <400> SEQUENCE: 17
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166 <210> SEQ ID NO: 18
167 <211> LENGTH: 30
168 <212> TYPE: DNA
169 <213> ORGANISM: artificial sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: primer
172 <400> SEQUENCE: 18
173      gtctgagtct gagtcaagct tcagtacatc                           30
175 <210> SEQ ID NO: 19
176 <211> LENGTH: 31
177 <212> TYPE: DNA
178 <213> ORGANISM: artificial sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: primer
181 <400> SEQUENCE: 19
182      ctcgagcctc gttttataaa ccagccgaga c                         31
184 <210> SEQ ID NO: 20
185 <211> LENGTH: 30
186 <212> TYPE: DNA
187 <213> ORGANISM: artificial sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: primer
190 <400> SEQUENCE: 20
191      gtctgagtct gagtcctcga gcctcgtttt                           30
193 <210> SEQ ID NO: 21
194 <211> LENGTH: 29
195 <212> TYPE: DNA
196 <213> ORGANISM: artificial sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: primer
199 <400> SEQUENCE: 21
200      aagcttcagg gagaagtgaa atgacaacc                            29
202 <210> SEQ ID NO: 22
203 <211> LENGTH: 30
204 <212> TYPE: DNA
205 <213> ORGANISM: artificial sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: primer
208 <400> SEQUENCE: 22
209      gtctgagtct gagtcaagct tcagggagaa                           30
211 <210> SEQ ID NO: 23
212 <211> LENGTH: 33
213 <212> TYPE: DNA
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RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/852,238A**

DATE: 10/20/2003
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Input Set : **N:\Crf3\RULE60\US09852238A.raw.txt**
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```
214 <213> ORGANISM: artificial sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: primer
217 <400> SEQUENCE: 23
218        ctcgagcaga cctaaaacac aatagagagt tcc                    33
220 <210> SEQ ID NO: 24
221 <211> LENGTH: 30
222 <212> TYPE: DNA
223 <213> ORGANISM: artificial sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: primer
226 <400> SEQUENCE: 24
227        gtctgagtct gagtcctcga gcagacctaa                        30
229 <210> SEQ ID NO: 25
230 <211> LENGTH: 34
231 <212> TYPE: DNA
232 <213> ORGANISM: artificial sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: primer
235 <400> SEQUENCE: 25
236        aagcttctgt agagttaaaa aatgaacccc acgg                   34
238 <210> SEQ ID NO: 26
239 <211> LENGTH: 30
240 <212> TYPE: DNA
241 <213> ORGANISM: artificial sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: primer
244 <400> SEQUENCE: 26
245        gtctgagtct gagtcaagct tctgtagagt                       30
247 <210> SEQ ID NO: 27
248 <211> LENGTH: 34
249 <212> TYPE: DNA
250 <213> ORGANISM: artificial sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: primer
253 <400> SEQUENCE: 27
254        ctcgagccat ttcatttttc tacaggacag catc                   34
256 <210> SEQ ID NO: 28
257 <211> LENGTH: 30
258 <212> TYPE: DNA
259 <213> ORGANISM: artificial sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: primer
262 <400> SEQUENCE: 28
263        gtctgagtct gagtcctcga gccatttcat                       30
265 <210> SEQ ID NO: 29
266 <211> LENGTH: 39
267 <212> TYPE: DNA
268 <213> ORGANISM: artificial sequence
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VERIFICATION SUMMARY   DATE: 10/20/2003
PATENT APPLICATION: **US/09/852,238A**   TIME: 17:31:59

Input Set : **N:\Crf3\RULE60\US09852238A.raw.txt**
Output Set: **N:\CRF4\10202003\I852238A.raw**